What is claimed:

1. A composition comprising an RNA interfering agent which inhibits expression of an apoptosis-related gene.

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- 2. A composition comprising an RNA interfering agent which inhibits expression of a proinflammatory cytokine.
- 3. The composition of claim 1, wherein said apoptosis-related gene is an anti-apoptotic gene.
 - 4. The composition of claim 1, wherein said apoptosis-related gene is a proapoptotic gene.
- 15 5. The composition of claim 1, wherein said agent is an RNA which is homologous to an apoptosis-related gene, or a fragment thereof.
 - 6. The composition of claim 1, wherein said agent is an RNA which is homologous to proinflammatory cytokine, or a fragment thereof.

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- 7. The composition of claim 4, wherein said pro-apoptotic gene is a Fas pathway molecule, or a fragment thereof.
- 8. The composition of claim 7, wherein said Fas pathway molecule is Fas or 25 FasL, or a fragment thereof.
 - 9. The composition of claim 6, wherein said proinflammatory cytokine is IL-1 or TNF α , or a fragment thereof.

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10. The composition of claim 6, wherein said agent is a double-stranded, short interfering RNA (siRNA) which is homologous to an apoptosis-related gene, or a fragment thereof.

11. The composition of claim 5, wherein said agent is a double-stranded, short interfering RNA (siRNA) which is homologous to a proinflammatory cytokine, or a fragment thereof.

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- 12. The composition of claim 10, wherein said apoptosis-related gene is an anti-apoptotic gene.
- 13. The composition of claim 10, wherein said apoptosis-related gene is a 10 pro-apoptotic gene.
 - 14. The composition of claim 13, wherein said short interfering RNA (siRNA) is homologous to a Fas pathway molecule of a fragment thereof.
- 15. The composition of claim 14, wherein said Fas pathway molecule is Fas or FasL, or a fragment thereof.
- 16. The composition of claim 11, wherein said proinflammatory cytokine
 20 molecule is IL-1 or TNFα, or a fragment thereof.
 - 17. The composition of claim 10 or 11, wherein said siRNA is about 21 nucleotides in length.
- 25 18. The composition of claim 10 or 11, wherein said siRNA is double stranded and contains a 3' overhang on each strand.
 - 19. The composition of claim 18, wherein said overhang comprises about 1 to about 6 nucleotides on each strand.

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20. The composition of claim 18, wherein said overhang comprises about 2 nucleotides on each strand.

21. The composition of claim 15, wherein said first strand comprises the sequence of SEQ ID NO:1 and said second strand comprises the sequence of SEQ ID NO:2.

- 5 22. The composition of claim 15, wherein said first strand comprises the sequence of SEQ ID NO:3 and said second strand comprises the sequence of SEQ ID NO:4.
- 23. The composition of claim 15, wherein said first strand comprises the sequence of SEQ ID NO:9 and said second strand comprises the sequence of SEQ ID NO:10.
- 24. The composition of claim 15, wherein said first strand comprises the sequence of SEQ ID NO:11 and said second strand comprises the sequence of SEQ ID NO:12.
 - 25. The composition of claim 10, wherein said siRNA is capable of inducing or regulating degradation of an apoptosis-related gene mRNA.
- 26. The composition of claim 10, wherein said siRNA inactivates an apoptosis-related gene by transcriptional silencing.
 - 27. The composition of claim 10 or 11, further comprising a pharmaceutically acceptable carrier.

- 28. A vector comprising a DNA template which encodes an RNA which is homologous to an apoptosis-related gene and is capable of promoting apoptosis-related gene RNA interference.
- 30 29. A vector comprising a DNA template which encodes an RNA which is homologous to an apoptosis-related gene and is capable of promoting apoptosis-related gene RNA interference.

30. The vector of claim 28, wherein said apoptosis-related gene is an anti-apoptotic gene.

- 31. The vector of claim 28, wherein said apoptosis-related gene is a pro-5 apoptotic gene.
 - 32. The vector of claim 31, wherein said apoptosis-related gene is a Fas pathway molecule.
- 10 33. The vector of claim 32, wherein said Fas pathway molecule is Fas or FasL, or a fragment thereof.
 - 34. The vector of claim 29, wherein said proinflammatory cytokine molecule is IL-1 or TNF α , or a fragment thereof.
 - 35. The vector of claim 28 or 29, wherein said vector is a lentiviral vector.
 - 36. The vector of claim 28 or 29, wherein said vector is a retroviral vector.
- 20 37. A cell transfected with the vector of any one of claims 28-36.

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- 38. A method of inhibiting apoptosis in a cell comprising administering to the cell an siRNA which modulates apoptosis-related gene expression, thereby inhibiting apoptosis in a cell.
- 39. The method of claim 38, wherein said apoptosis-related gene expression is inhibited.
- 40. The method of claim 38, wherein said apoptosis-related gene is an anti-30 apoptotic gene.
 - 41. The method of claim 38, wherein said apoptosis-related gene is a proapoptotic gene.

42. The method of claim 41, wherein said apoptosis-related gene is a Fas pathway molecule, or a fragment thereof.

- 5 43. The method of claim 42, wherein said Fas pathway molecule is Fas or FasL, or a fragment thereof.
 - 44. The method of claim 38, wherein said cell is a hepatocyte, a T-cell, a hematopoietic cell, a neural cell, or a malignant cell.

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- 45. The method of claim 38, wherein said inhibition of apoptosis-related gene expression is sustained for a prolonged period of time.
- 46. The method of claim 45, wherein said expression is sustained for at least 15 10 days.
 - 47. A method of treating or preventing an apoptosis-mediated disease or disorder in a subject comprising administering to said subject a therapeutically or prophylactically effective amount of an siRNA which modulates apoptosis-related gene expression so that expression of said apoptosis-related gene is inhibited.
 - 48. A method of preventing allograft rejection in an allograft recipient comprising administering to the allograft recipient an siRNA which modulates apoptosis-related gene expression.
 - 49. The method of claim 47 or 48, wherein said apoptosis-related gene expression is inhibited.
- 50. The method of claim 47 or 48, wherein said apoptosis-related gene is an anti-apoptotic gene.
 - 51. The method of claim 47 or 48, wherein said apoptosis-related gene is a pro-apoptotic gene.

52. The method of claim 51, wherein said apoptosis-related gene is a Fas pathway molecule, or a fragment thereof.

- 5 53. The method of claim 52, wherein said Fas pathway molecule is Fas or FasL, or a fragment thereof.
 - 54. The method of claim 47, wherein the disease or disorder is an immune or inflammatory disease.

55. The method of claim 54, wherein said immune or inflammatory disease is hepatitis.

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- 56. The method of claim 51, wherein said disease or condition is cancer.
- 57. The method of claim 56, wherein said cancer is a cancer of the liver.
- 58. The method of claim 47, wherein said disease or condition is cirrhosis.
- The method of claim 47, wherein the disease or condition is transplant rejection.
 - 60. The method of claim 47, wherein said subject is a human.
- 25 61. The method of claim 47 or 48, wherein said siRNA is administered intravenously.
 - 62. The method of claim 61, wherein said siRNA is administered by repeated intravenous injection.
 - 63. The method of claim 47, wherein said RNA interfering agent is administered after onset of said apoptosis-related disease or disorder.

- 64. The method of claim 48, wherein the allograft is an hepatic allograft.
- 65. A method of preventing rejection of an allograft by an allograft recipient comprising contacting the allograft ex vivo with an siRNA which modulates apoptosis-related gene expression.
 - 66. The method of claim 65, wherein said apoptosis-related gene is Fas or FasL.
- 10 67. The method of claim 65, wherein the allograft is an hepatic allograft.
- A method of treating or preventing proinflammatory cytokine mediated disease or disorder in a subject comprising administering to said subject a therapeutically or prophylactically effective amount of an siRNA which modulates
 proinflammatory cytokine expression so that expression of said proinflammatory cytokine is inhibited.
 - 69. The method of claim 68, wherein said proinflammatory cytokine mediated disease or disorder is sepsis.
 - 70. The composition of claim 69, wherein said proinflammatory cytokine is IL-1 or TNFα, or a fragment thereof.
 - 71. The method of claim 68, wherein said subject is a human.